



## Apparatus for providing high quality power

## CROSS REFERENCE TO RELATED APPLICATION

[0001] This application claims priority to U.S. Provisional Patent Application No. 60/423,127 filed Nov. 1, 2002 and U.S. Provisional Patent Application No. 60/453,235 filed Mar. 10, 2003, each of which is incorporated herein by reference in their entirety.

## BACKGROUND OF THE INVENTION

[0002] 1. Field of the Invention

[0003] The subject disclosure relates to systems for providing high quality power, and cooling and more particularly to an improved system for providing uninterrupted DC power for the telephone communications, data processing and industrial equipment.

[0004] 2. Background of the Related Art

[0005] Traditionally, AC commercial power has been used as the primary power source for a wide variety of applications such as computers, data processing equipment, telephony circuitry and other solid state technology devices. Despite this proliferation of the use of AC power, various problems are well-known. For example, U.S. Pat. Nos.: 4,277,692; 5,126,585; and 5,483,463 disclose practices for improving the performance of AC power devices. Despite these improvements, many drawbacks to the AC power still have not been overcome. In particular, AC power must still be converted to DC power for consumption by the majority of solid state devices. Many AC power systems require battery